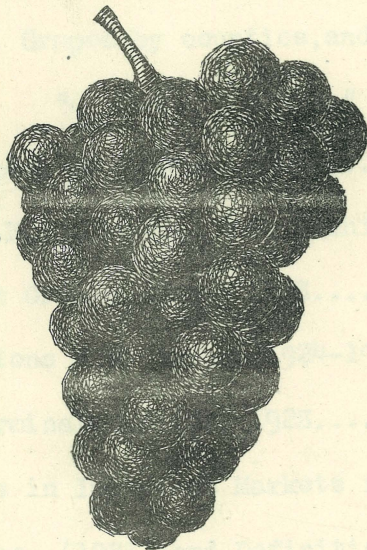


UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS

NEW YORK STATE DEPARTMENT OF
AGRICULTURE AND MARKETS

COOPERATING

MARKETING WESTERN NEW YORK AND PENNSYLVANIA GRAPES



SUMMARY OF 1928 SEASON

By S.W. Russell, A.L. Thomas and L.D. Spink

WASHINGTON, D. C.

August, 1929

UNITED STATES DEPARTMENT OF AGRICULTURE

OFFICE OF MARKETING AND ECONOMICS

NEW YORK STATE DEPARTMENT OF

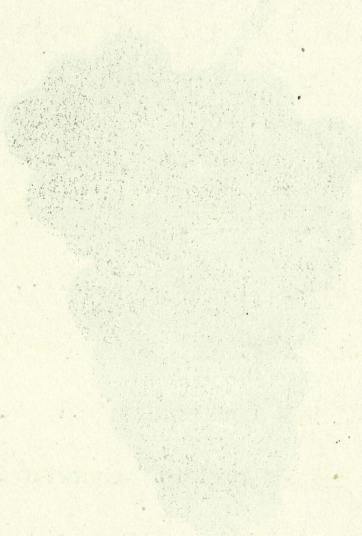
AGRICULTURE AND MARKETS

CONTINUED

MARKETING

WESTERN NEW YORK AND

PENNSYLVANIA GRAPES



Report of the

Commissioner of Agriculture and Markets

August, 1928

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MARKET NEWS SERVICE ON FRUITS AND VEGETABLES

MARKETING NEW YORK AND PENNSYLVANIA GRAPES
SUMMARY OF 1928 SEASON

By S. W. Russell, A. L. Thomas and L. D. Spink.

Market Reports on Grapes were issued from the Federal State-Market News Office at Rochester, and from the New York State Department Office at Buffalo, daily during the 1928 season. These reports were issued from September 29th to November 2nd.

INTRODUCTION

This summary consists principally of material contained in the daily bulletins issued at Rochester and Buffalo respectively, together with statistics released from the Washington office relating to grape production and marketing. The material has been assembled with the idea of placing it before the growers, shippers and dealers as an aid in analyzing future marketing problems.

The news service in Western New York is conducted for the benefit of the growers and shippers and is maintained jointly at Rochester by the Bureau of Agricultural Economics of the United States Department of Agriculture in cooperation with the New York State Department of Agriculture and Markets. Reports were issued daily from Rochester and mailed free of charge to those requesting them. The office at Buffalo is maintained jointly by the New York State Department of Agriculture and Markets, Bureau of Markets, Pennsylvania Department of Agriculture and United States Bureau of Agricultural Economics.

PRODUCTION

The estimated total production of grapes in New York State for 1928 was 85,470 tons or an increase of about 65% over last season which was a light year with 51,520 tons. The crop of 85,470 tons this year is also a slight increase over the average production from 1922-1926, which was 81,108 tons. The total production of grapes for the United States continues to increase. The estimated total production for the United States was 2,671,076 tons in 1928 as compared with the 2,605,238 tons in 1927 and the five-year average (1922-1926) of 2,094,757 tons. The increase this season can be attributed generally to the increased production in New York, Ohio, Michigan, Pennsylvania, Arkansas, and Missouri. It should be remembered, however, that all of these states were below their average production when they produced so lightly in 1927.

California is by far the heaviest grape producing state with a crop of 2,366,000 tons in 1928 of which 153,000 tons were not harvested.

PRODUCING AREAS

With the exception of California, New York State is the largest producer of grapes in the United States. There are three distinct sections in New York State which are of considerable importance. The first of these is the Chautauqua-Erie district, which is located in Southwestern New York and Northwestern Pennsylvania and produces more than one-half of the grapes of New York State. The only variety of commercial importance grown in this section is the Concord. The district of second importance is the Central Finger Lakes District, located in the lake Keuka, Canandaigua and Cayuga sections in the central part of the state. The crop in this section is mostly Concord with a considerable number of Delawares shipped during the early part of the season, and a few Wordens, Niagaras and Catawbases, shipped during midseason. The section next in importance is the Hudson River section, located in Columbia, Dutchess, Ulster and Orange counties. The principal variety in this section is also the Concord. There is considerable overlapping of shipments from the Chautauqua-Erie and Finger Lakes District, however the movement from the Hudson River section is usually practically concluded before the season begins in the other two sections of New York State. In most seasons the Finger Lakes District usually starts shipping a little earlier than the Chautauqua section.

FINGER LAKES DISTRICT

The Finger Lakes District reported an average year in most respects. The quality of the grapes was fair to good. The most prevalent disease in this section was mildew, most prominent where spraying was light. There was no serious damage caused by frost to affect the commercial shipment. The first serious frost did not occur until October 22 and by this date most of the stock was harvested. The harvest season this year provided excellent weather. There were a few rainy days; however, this served only to cut down the volume of picking and is believed to have helped to relieve congestion in the markets. The volume of shipments from this section was slightly higher than in previous seasons. The amount trucked from the growing district is estimated to have been about the same as the amount so disposed of the preceding season. The season offered a wide range in prices, but the average price received is believed to be about the same as that of last year. Juice factories took about the same amount of stock as in previous seasons. Most stock from this section was packed in bushel baskets, and next in importance was the 2-quart or pony basket. In addition to the two packages mentioned a considerable number of cars ^{of the 12 quart climax} basket (jumbo) and 4 quart (standard) were loaded.

CHAUTAUQUA - ERIE

The Chautauqua-Erie District reported a crop of normal tonnage, averaging a yield of approximately $1\frac{1}{4}$ tons per acre. The quality of the crop was good, bunches of fair size and fair to medium size berries. From 15-17% of the crop was "Unclassified" ("Ungraded", New York State grades), on account of loose and straggly bunches, off color, mildew and effects of berry moth. Mildew was prevalent in low lying, unsprayed and poorly tilled vineyards. Even in the

best cared for sections the damage from mildew was serious where foliage was very heavy and air drainage was poor. Berry moth attack was heavier than usual but quite well controlled by heavy spraying. There was no serious damage from frost, however, some slight hail injury near the close of the season was reported in the extreme northwestern part of the section. As in the Finger Lakes District, the crop in this section showed no serious damage by rain and the few rainy days during the harvest season probably only retarded picking slightly. Sugar content of the fruit in this section ranged from 15.5 to 17.7%. During the height of the season the sugar content was above 17% each day. About 200 cars were packed in 2-quart climax baskets constituting about 3 or 4% of the Chautauqua-Erie crop. Probably the next package in importance was the 12 quart climax basket with a few packed in bushel and 4 quart baskets. A few cars of lugs were shipped out of the section this year.

According to the "Grape Belt" a local newspaper, "Shippers believe without exception that had it not been for the grading of grapes this year they would not have been able to move the crop except at prices below \$20. per ton. The principal benefits of the grading law, however, are cumulative and will not appear until the trade and the consumers are familiarized with the importance in quality and come to find that it can be banked on."

The juice plants took a larger percentage of the grape crop than in any year since 1920, 28% of the crop this year being used in local juice plants. In 1925 when a considerably smaller crop was harvested the juice plants used 27% of the tonnage. There is every prospect that the juice plants of the belt will be in the market for as large or larger tonnage of grapes in the future, if they can be bought at a price that will make the manufacture of a new juice drink profitable when sold at 5¢ per bottle.

It is estimated that 2,500 tons of grapes were trucked out of the Chautauqua-Erie District this season, which is a considerable increase over last season. Railroads for the first time carried a minimum carload of 11 tons instead of 10 tons. It was believed that better or stronger packages would be necessary; however, at the close of the present season, after loading 11 tons minimum, no serious dissatisfaction was apparent.

It is estimated that the average price per ton to the grower for grapes this year was \$35.00 per ton."

DISEASES AND INSECTS

The following statement was prepared by Derrill M. Daniel, Entomologist, Vineyard Laboratory, Fredonia, N. Y.: "Powdery mildew was unusually prevalent during the past season in the Chataqua grape belt. This outbreak was brought on by the abundance of moisture during the summer, also coupled with this was the heavy foliage which prevented free circularization of the air through the vines, thereby holding the moisture and making almost ideal conditions for the growth of the mildew. Although warned of the prevailing conditions, most growers did not spray at all or waited too long, so that the increased amount of foliage made it almost impossible to cover the berry clusters with spray. Where applied thoroughly and at the proper time Bordeaux mixture continues to give the most satisfactory control, although in seasons similar to the one just passed some "spreader" should be added. Fish Oil proved very satisfactory in tests at the Vineyard Laboratory.

"The grape rootworm, which for the past few years has not caused appreciable injury in this area, is steadily increasing. Growers are warned therefore that a vigilant watch must be kept for this pest during the coming season and a spray applied when the first eggs are found. A second spray should follow in two weeks.

"The Grape berry moth continues to cause injury in protected vineyards or protected parts of vineyards. By protected, is meant vineyards on the lee side of buildings or orchards where the snow is caused to drift in and protect the hibernating insects during the winter."

PRICES

About the same prices were received in both the Finger Lakes District or the Chataqua-Erie district. The 12 quart climax basket of Concord on which prices were quoted most frequently are used in the following statement and all prices mentioned refer to "price per ton, with basket, f.o.b. usual terms". The season opened on October 1 and prices during the first week ranged from \$45.00-50.00 with a few reported as high as \$53.00. After the first week when shipments became quite heavy, prices declined gradually until mid-October when \$35.00-38.00 was the prevailing range. After mid-October prices advanced to \$45.00-55.00, mostly \$50.00-55.00 in late October, and it was at these prices the season closed on November 2nd.

DISTRIBUTION

The distribution of New York State grapes was equally as good as in any preceding season. The 3,198 cars shipped this season went to 207 cities in 27 states including District of Columbia and Canada. The distribution territory in the east extends from Florida to Maine, on the Northwest to Wisconsin and on the Southwest New York State stock was shipped into Missouri. The increase in shipments this season over last season's total, which was an increase of over 600 cars was reflected proportionally in the receipts at the larger consuming centers. Most States with distributing territory received the proportionate increase in shipments and Pennsylvania received more than the expected increase. Some of the States which are important receivers of New York State grapes are Illinois, New Jersey, Massachusetts, Connecticut, Ohio, Pennsylvania and New York State.

Value of Crop in Chautauqua-Erie District 1928-1927 and 1926

The following statistics were furnished by "The Grape Belt", a newspaper published at Dunkirk, New York. The figures are based on the Chautauqua-Erie Sections in New York and Pennsylvania, and do not include other sections in New York State:-

	1928	1927	1926
	("Tons; net weight of Fruit.)		
Shipped from C & E District by Rail.....	34,861	23,129	62,990
Delivered to Juice Plants by truck.....	15,018	7,026	17,086
Trucked out of District (Estimated).....	2,500	1,500	1,100
Used and sold Locally.....	700	500	700
Net Weight of Grapes C & E District.....	53,079	32,155	81,876
# Average Price Per ton.....	\$35.00	\$48.00	\$28.00
Total Value at Average Price.....	\$1,857,765	\$1,543,440	\$2,292,528.
(# Average Price refers to the price paid to Growers.)			

GRAPE PRODUCTION BY STATES 1926-1928

In Tons

STATE	P R O D U C T I O N			Average Production 1922-1926
	1926	1927	1928	
Maine.....	49	58	76	49
New Hampshire...	96	91	91	93
Vermont.....	36	45	36	41
Massachusetts...	616	555	476	483
Rhode Island....	212	152	190	248
Connecticut.....	1,275	1,087	1,314	1,054
NEW YORK.....	106,700	51,520	85,470	81,108
New Jersey.....	2,820	2,535	2,822	2,371
PENNSYLVANIA....	25,110	14,850	22,680	19,508
Ohio.....	29,100	20,000	28,700	21,021
Indiana.....	4,606	2,580	4,980	3,730
Illinois.....	6,532	3,440	6,800	5,331
Michigan.....	60,900	51,700	72,800	50,950
Wisconsin.....	409	250	495	314
Minnesota.....	85	152	198	70
Iowa.....	6,052	5,329	6,225	5,197
Missouri.....	12,880	7,000	14,000	7,874
Nebraska.....	1,584	1,955	1,920	1,218
Kansas.....	3,700	3,735	3,465	2,985
Delaware.....	1,536	1,207	1,600	1,158
Maryland.....	1,330	1,225	1,200	852
Virginia.....	2,790	2,048	2,560	2,052
West Virginia...	1,696	720	1,422	1,212
North Carolina..	6,840	5,135	6,000	6,020
South Carolina..	1,785	1,540	1,725	1,423
Georgia.....	1,892	1,472	1,672	1,604
Florida.....	700	610	900	700
Kentucky.....	1,274	632	1,200	1,037
Tennessee.....	1,672	950	1,368	1,353
Alabama.....	913	627	759	811
Mississippi.....	300	225	259	270
Arkansas.....	13,000	3,000	17,000	4,152
Louisiana.....	42	30	38	35
Oklahoma.....	1,800	1,732	2,100	1,750
Texas.....	1,200	1,260	1,440	1,092
Idaho.....	300	304	298	279
Colorado.....	320	314	357	289
New Mexico.....	531	458	600	513
Arizona.....	900	1,900	1,785	465
Utah.....	1,300	1,320	1,520	925
Nevada.....	230	270	210	211
Washington.....	2,500	3,200	4,300	2,245
Oregon.....	1,800	2,025	2,025	1,506
California.....	2,114,000	2,406,000	2,366,000	1,859,400
TOTAL U. S.	*2,423,413	*2,605,238	*2,671,076	2,094,757

* The totals shown include 15,000 tons not harvested in California in 1926, 142,000 in 1927 and 153,000 tons not harvested in 1928.

GRAPE PRODUCTION IN IMPORTANT STATES; PAST SEVEN SEASONS
(In Tons.)

STATE	1928	1927	1926	1925	1924	1923	1922
Calif..	2,331,000	2,406,000	2,129,000	2,050,000	1,535,000	2,030,000	1,501,000
N.Y....	85,470	51,520	106,700	51,340	80,000	62,000	105,000
Mich...	72,300	51,700	60,900	22,100	64,000	44,000	64,000
Total US	2,636,076	2,605,238	2,433,413	2,202,085	1,777,722	2,227,395	2,076,000

The above figures include the following tonnage from California; not harvested;-
1928- 153,000 tons; 1927- 142,000 tons; 1926- 15,000 tons; 1925- 138,000 tons.

CARLOT SHIPMENTS OF GRAPES FROM IMPORTANT STATES; PAST SEVEN SEASONS.

STATE	1928	1927	1926	1925	1924	1923	1922
Calif..	73,126	75,814	64,327	76,066	57,695	55,348	43,952
N.Y....	3,750	3,050	7,242	3,763	5,641	4,312	7,720
Mich...	1,571	2,023	3,081	398	4,680	4,202	6,020
Total US.	78,447	82,566	78,590	81,578	69,933	65,336	59,919

CARLOT SHIPMENTS OF GRAPES AS COMPARED WITH OTHER IMPORTANT FRESH FRUITS.

COMMODITY	CARS	Percentage of Total Shipments (1927)																			
		5%	10%	15%	20%																
Apples	: 103,506	21.7%																			
GRAPES---	: 82,566	17.4%																			
Oranges	: 75,230	15.7%																			
W Melons	: 45,460	9.6%																			
Peaches	: 41,714	8.7%																			
Cant's.	: 30,241	6.4%																			
G Fruit	: 19,151	4.3%																			
Pears.	: 13,831	3.9%																			
StBerries	: 17,891	3.7%																			
Lemons	: 13,112	2.8%																			
M Citrus	: 8,039	1.7%																			
M Melons	: 6,516	1.3%																			
Pl'Prunes	: 5,988	1.2%																			
M Dec'd	: 5,442	1.1%																			
Cherries	: 1,461	.3%																			
TOTAL	475,157 Cars.																				

CARLOT SHIPMENTS OF GRAPES 1928 BY MONTHS

S T A T E	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
Alabama.....	-	1	2	-	-	-	-	3
Arizona.....	2	63	5	-	-	-	-	70
Arkansas.....	-	-	433	565	-	-	-	998
Calif. N. Dist.....	-	1	616	9477	10259	611	1	20965
Calif. S. Dist.....	77	202	107	1637	781	35	2	2841
Calif. C. Dist.....	-	1389	5281	17991	18284	5160	760	48874
Calif. Imp. Valley.	108	325	13	-	-	-	-	446
Delaware.....	-	-	-	11	-	-	-	11
Florida.....	-	8	13	-	-	-	-	21
Idaho.....	-	-	-	6	-	-	-	6
Illinois.....	-	-	3	18	-	-	-	21
Iowa.....	-	-	24	198	12	-	-	234
Kansas.....	-	-	22	67	-	-	-	89
Kentucky.....	-	-	-	-	1	-	-	1
Michigan.....	-	-	-	345	1223	4	-	1572
Missouri.....	-	-	162	253	-	-	-	415
Nebraska.....	-	-	10	30	4	-	-	44
New Jersey.....	-	-	-	-	1	-	-	1
NEW YORK.....	-	-	-	119	3173	454	4	3750
North Carolina.....	-	-	2	-	-	-	-	2
Ohio.....	-	-	-	5	8	1	-	14
Oklahoma.....	-	-	13	2	-	-	-	15
Oregon.....	-	-	-	-	1	-	-	1
PENNSYLVANIA.....	-	-	-	10	896	170	-	1076
Texas.....	-	26	-	-	-	-	-	26
Utah.....	-	-	-	5	2	-	-	7
Washington.....	-	-	13	186	35	1	-	235
TOTALS U. S.	187	2015	6719	30925	34680	6436	767	81738

CARLOT SHIPMENTS OF GRAPES 1924-1928 (Calendar Year)

S T A T E	1928	1927	1926	1925	1924
Alabama.....	3	3	1	-	-
Arizona.....	70	72	63	47	24
Arkansas.....	998	108	1170	394	243
Calif. N. Dist.....	20965	21263	16554	19603	17204
Calif. S. Dist.....	2841	3376	3044	3837	3285
Calif. C. Dist.....	48874	50908	44278	52324	36834
Calif. Imp. Valley.	446	372	469	289	377
Delaware.....	11	55	89	94	108
Florida.....	21	12	10	-	-
Idaho.....	6	7	7	5	7
Illinois.....	21	11	27	22	11
Iowa.....	234	196	176	50	79
Kansas.....	89	128	69	40	29
Kentucky.....	1	-	-	-	-
Michigan.....	1572	2023	3081	398	4680
Missouri.....	415	108	686	166	101
Nebraska.....	44	67	1	4	2
New Jersey.....	1	-	-	8	4
NEW YORK.....	3750	3050	7242	3763	5641
North Carolina.....	2	1	1	-	1
Ohio.....	14	5	110	19	29
Oklahoma.....	15	6	20	5	1
Oregon.....	1	12	9	-	9
Pennsylvania.....	1076	689	1350	589	1166
Tennessee.....	-	-	1	-	-
Texas.....	26	24	19	16	14
Utah.....	7	8	3	-	3
Virginia.....	-	-	3	1	3
Washington.....	235	167	125	191	83
TOTALS	81738	82671	78608	81865	69938

COMPARATIVE
CARLOT SHIPMENTS BY COUNTIES DURING

The 1928, 1927 and 1926 Seasons

<u>Counties</u>	<u>1928</u>		<u>1927</u>		<u>1926</u>
Chautauqua.....	2460	cars	1729	cars	4651 cars
Yates.....	302	"	330	"	570 "
Steuben.....	164	"	216	"	238 "
Ulster.....	110	"	204	"	260 "
Schuyler.....	141	"	145	"	205 "
Niagara.....	113	"	119	"	239 "
Seneca.....	109	"	92	"	161 "
Columbia.....	39	"	60	"	181 "
Erie.....	126	"	49	"	339 "
Cattaraugua.....	100	"	36	"	179 "
Ontario.....	40	"	31	"	102 "
Dutchess.....	6	"	19	"	60 "
Orleans.....	10	"	10	"	15 "
Wayne.....	7	"	4	"	12 "
Orange.....	4	"	3	"	14 "
Onandaga.....	1	"	1	"	3 "
Oneida.....	-	"	-	"	4 "
Monroe.....	9	"	-	"	- "
Pick up cars.....	9	"	2	"	9 "
Total New York.....	3750	"	3050	"	7242 "
<u>Pennsylvania:-</u>					
Erie.....	1068	"	685	"	1350 "
Franklin.....	8	"	4	"	- "
Total Pennsylvania.....	1076	"	689	"	1350 "

PRICES PREVAILING IN SHIPPING DISTRICTS.

Carloads f.o.b. Usual Terms.

CHAUTAUQUA-ERIE		CENTRAL LAKES			BENTON HARBOR	
N. Y.	Pa.	N. Y.			Mich.	
Concords		Concords, Niag's. Dels.		Mixed	Concords	
12-qt. Basks.		12-qt. Bask. and	Bush.	2-qts.	12-qts.	4-qts.
Sept.						
25	-	-	-	-	40¢	19-20¢
26	-	-	-	-	45¢	18½-19½¢
27	-	-	-	-	45¢	18¢ most.
28	-	-	-	-	40-45¢	17-17½¢
29	-	-	Bush. Del's.	75.00	40-42¢	16-16½¢
Oct.						
1	\$45.00-50.00	Bush. C&N.	55.00	-	37-40¢	15½-16½¢
		Bush. Del.	75.00			
2	Most. 50.00	12-qt. Con.	50.00	16¢	35-37¢	15¢ most.
3	45.00-50.00	Bush. Con.	55.00	14½-16¢	35-37¢	15¢ "
		Bush. Niag.	57.50			
4	Most. 45.00	12-qt. Con.	53.00	14½-16¢	35-37¢	15¢-16¢
5	" 45.00	12-qt. Con.	45.00-50.00	14-15¢	37-38¢	15¢-16¢
6	No Report	12-qt. Con.	50.00	14-15½¢	37-38¢	15-16¢
8	42.00-45.00	12-qt. C&N	45.00-50.00	15¢	37-38¢	15½-16¢
9	40.00-45.00	12-qt. Con.	45.00-50.00	14½-15¢	37¢	15½-16¢
10	Most. 40.00	12-qt. Con.	40.00-42.50	14½-15¢	35-36¢	15½-16¢
11	37.50-40.00	12-qt. C&D.	40.00-42.50	14-15¢	34-35¢	15½-16¢
12	Most. 35.00	12-qt. D&N.	37.50-42.00	13½-14¢	32-34¢	15-15½¢
13	No Report.	12-qt. C&N.	37.50-40.00			
		Bush. C&N.	40.00-45.00	13½-14¢	33-34¢	15-15½¢
15	Most. 35.00	12-qt. C&N. most.	35.00			
		Bush. Niag.	45.00-50.00	13½¢	34¢	-
16	35.00-38.00	12-qt. Con.	35.00-37.50			
		Bush. Niag.	45.00-50.00	14¢	35¢	-
17	37.50-40.00	Bush. Con.	35.00-37.50	13½-14¢	35-36¢	17¢
18	37.50-40.00	12-qt. Con.	37.50-40.00	13½¢	35-36¢	17¢
		Bush. Niag. Most	50.00			
19	37.00-40.00	12-qt. Con.	37.50-40.00	12½¢	35-36¢	-
		Bush. Niag.	47.50-50.00			
20	No Report.	12-qt. Con.	37.50-40.00	12½¢	35-36¢	-
		Bush. Con. most.	40.00			
22	38.00-40.00	12-qt. Con.	39.00-40.00	13-13½¢	34-36¢	-
23	38.00-40.00	12-qt. Con.	40.00-45.00	13-13½¢	35	-
24	40.00-45.00	12-qt. Con.	42.50-45.00	14¢	(Season Closed)	
		Bush. Con.	40.00-45.00			
25	50.00-55.00	12-qt. Con.	47.50-55.00			
		Bush. Con.	50.00			
26	50.00-55.00	Bush. Con.	-	14¢		
27	No Report.	-	-	14¢		
29	50.00-55.00	Bush. Con. few	55.00	14½¢		
30	50.00-55.00	-	-	14½-15¢		
31	50.00-55.00	-	-	14½¢		
Nov.						
1	50.00-55.00	-	-	14½-15¢		
2	47.50-50.00	-	-	-		

CARLOAD SHIPMENTS OF NEW YORK GRAPES BY COUNTIES, STATIONS, AND MONTHS 1928.

COUNTY AND STATION	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CATTARAUGUS:					
Perrysburg.....	-	95	5	-	100
CHAUTAUQUA:					
Brocton.....	11	437	86	2	536
Dunkirk.....	2	87	2	-	91
Forestville.....	-	154	20	-	174
Fredonia.....	1	188	9	-	198
Irving.....	-	80	13	-	93
Laona.....	-	113	7	-	120
Mayville.....	-	7	-	-	7
Portland.....	24	156	60	-	240
Ripley.....	1	198	38	-	237
Sheridan.....	-	203	17	-	220
Sherman.....	-	5	-	-	5
Silver Creek.....	3	251	18	-	272
Smiths Mills.....	-	30	3	-	33
State Line.....	-	58	8	-	66
Westfield.....	-	147	21	-	168
TOTALS.....	42	2114	302	2	2460
COLUMBIA:					
Germantown.....	5	33	-	-	38
Silver Nails.....	-	1	-	-	1
TOTALS.....	5	34	-	-	39
DUTCHESS:					
Barrytown.....	-	3	-	-	3
Rhinecliff.....	-	1	-	-	1
Tivoli.....	-	2	-	-	2
TOTALS.....	-	6	-	-	6
ERIE					
Angola.....	-	46	-	-	46
Derby.....	-	2	-	-	2
Eden Center.....	-	53	1	-	54
North Collins.....	-	23	1	-	24
TOTALS.....	-	124	2	-	126
MONROE					
Brockport.....	-	1	-	-	1
Rochester.....	7	-	1	-	8
TOTALS.....	7	1	1	-	9
NIAGARA:					
Elberta.....	-	-	1	-	1
Gasport.....	-	3	-	-	3
Leviston.....	-	8	-	-	8
Lockport.....	-	25	-	-	25
Model City.....	-	41	-	-	41
Ransomville.....	-	4	-	-	4
Sanborn.....	-	10	-	-	10
Wilson.....	-	21	-	-	21
TOTALS.....	-	112	1	-	113

CARLOAD SHIPMENTS OF NEW YORK GRAPES BY COUNTIES, STATIONS, AND MONTHS 1928
(Continued)

COUNTY AND STATION	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
ORANGE					
Newburg.....	4	-	-	-	4
ONONDAGA					
Onondaga.....	-	-	-	1	1
ONTARIO					
Canandaigua.....	-	8	-	-	8
Naples.....	-	28	4	-	32
TOTALS.....	-	36	4	-	40
ORLEANS					
Holley.....	8	8	-	-	8
Millers.....	-	2	-	-	2
TOTALS.....	-	10	-	-	10
SCUYLER					
Burdett.....	-	12	3	-	15
Hector.....	2	84	9	-	95
Valois.....	-	23	8	-	31
TOTALS.....	2	119	20	-	141
SENECA					
Caywood.....	1	28	-	-	29
Kendaia.....	-	38	6	-	44
Romulus.....	-	26	10	-	36
TOTALS.....	1	92	16	-	109
STUBEN					
Hammondsport.....	-	113	34	1	148
Prattsburgh.....	-	12	4	-	16
TOTALS.....	-	125	38	1	164
ULSTER					
Highland.....	21	48	-	-	69
Marlboro.....	14	3	-	-	17
Milton.....	3	3	-	-	6
Ulster Park.....	9	9	-	-	18
TOTALS.....	47	63	-	-	110
WAYNE					
Ontario.....	-	6	-	-	6
Sodus.....	-	1	-	-	1
TOTALS.....	-	7	-	-	7
YATES					
Dresden.....	-	4	-	-	4
Dundee.....	-	3	-	-	3
Himrod.....	2	16	6	-	24
Middlesex.....	4	103	10	-	117
Penn Yan.....	2	94	37	-	133
Starkey.....	-	9	12	-	21
TOTALS.....	8	229	65	-	302
Pick-up Cars.....	3	6	-	-	9
GRAND TOTALS					
This Season.....	119	3173	454	4	3750
Last Season.....	162	2647	240	1	3050
		- 12 -			

CARLOT SHIPMENTS OF PENNSYLVANIA GRAPES BY MONTHS, COUNTIES and STATIONS
1928 Season.

COUNTY and STATIONS	SEPTEMBER	OCTOBER	NOVEMBER	TOTAL
ERIE				
Fairview.....	-	3	-	3
Harbor Creek.....	-	194	23	217
Moorheads.....	-	67	19	86
Northeast.....	2	632	128	762
TOTAL.....	2	896	170	1068
FRANKLIN				
Williamson.....	8	-	-	8
GRAND TOTALS				
This Season.....	10	896	170	1076
Last Season.....	6	629	54	689

CARLOT SHIPMENTS OF GRAPES BY STATES, SEPTEMBER to
NOVEMBER 1928.

STATES	September	October	November	Total
Arkansas.....	565	-	-	565
California Northern Dist.....	9477	10259	611	20347
" Southern Dist.....	1637	781	35	2453
" Central Dist.....	17991	18284	5160	41435
Delaware.....	11	-	-	11
Idaho.....	6	-	-	6
Illinois.....	18	-	-	18
Iowa.....	198	12	-	210
Kansas.....	67	-	-	67
Kentucky.....	-	1	-	1
Michigan.....	345	1223	4	1572
Missouri.....	253	-	-	253
Nebfaska.....	30	4	-	34
New Jersey.....	-	1	-	1
New York.....	119	3173	454	3746
Ohio.....	5	8	1	14
Oklahoma.....	2	-	-	2
Oregon.....	-	1	-	1
Pennsylvania.....	10	896	170	1076
Utah.....	5	2	-	7
Washington.....	186	35	1	222
TOTAL.....	30925	34680	6436	72041
LAST SEASON.....	31485	37107	6045	

Primary Destinations of 3198 Cars of Grapes from New York, 983 Cars from Pennsylvania and 1551 from Michigan, During the 1928 Season.

The period covered in the report represents shipments from the three States as follows: New York and Pennsylvania, September 24 to November 2; Michigan from September 5 to November 2, 1928.

STATES	New York	Penna.	Mich.	STATE	New York	Penna.	Mich.
<u>Arizona</u>				<u>Illinois</u>			
Phoenix	-	-	3	Bloomfield	-	1	-
				Bloomington	-	-	2
<u>Colorado</u>				Blue Island	-	-	111
Denver	-	-	2	Boone	-	-	1
				Chicago	264	55	44
<u>Connecticut</u>				Clearing	-	-	56
Ansonia	1	-	-	Joliet	2	2	-
Bridgeport	11	1	-	La Salle	15	-	-
Hartford	14	-	-	Ottawa	-	-	1
New Bedford	16	-	-	Peoria	-	1	7
New Britain	10	-	1	Quincy	-	-	1
New Haven	34	2	2	Springfield	3	-	3
New London	1	-	-	TOTAL	284	59	226
Norwalk	1	-	-				
So. Norwalk	1	5	-	<u>Indiana</u>			
Stamford	5	1	-	Evansville	1	-	3
Torrington	1	-	-	Indianapolis	12	2	1
Wallingford	1	-	-	Michigan City	-	-	7
Waterbury	1	-	1	South Bend	-	-	1
TOTAL	97	9	4	TOTAL	13	2	12
<u>Delaware</u>				<u>Iowa</u>			
Bridgeville	1	-	-	Davenport	-	-	1
Dover	1	-	-	Dubuque	-	-	2
Wilmington	2	-	-	Estherville	-	-	1
TOTAL	4	-	-	Mason City	-	-	2
<u>District of Columbia</u>				Olewein	-	-	1
Washington	48	6	2	Williamson	-	-	1
				TOTAL	-	-	8
<u>Florida</u>				<u>Kansas</u>			
Jacksonville	-	-	1	Fort Scott	-	-	1
Miami	2	-	1	Goodland	-	-	1
Tampa	-	-	1	Hutchinson	-	-	1
TOTAL	2	-	3	Independence	-	-	1
				Salina	-	-	2
<u>Georgia</u>				TOTAL	-	-	6
Atlanta	2	-	2	<u>Kentucky</u>			
				Ashland	-	-	1
				Lexington	1	-	6
				Louisville	2	-	54
				TOTAL	3	-	61

Primary Destinations (Continued)

STATES	New York	Penna.	Mich.	STATES	New York	Penna.	Mich.
<u>Louisiana</u>				<u>Minnesota</u>			
New Orleans	1	-	1	Alexandria	-	-	1
Shreveport	-	-	1	Bemidji	-	-	1
TOTAL	1	-	2	Duluth	-	-	2
				Marshall	-	-	1
<u>Maine</u>				Minneapolis	-	-	78
Portland	11	-	-	St. Cloud	-	-	1
Bangor	3	-	-	St. Paul	-	-	31
TOTAL	14	-	-	Winona	-	-	2
				TOTAL	-	-	117
<u>Maryland</u>				<u>Missouri</u>			
Baltimore	56	17	-	Hannibal	-	-	1
				Kansas City	-	-	19
<u>Massachusetts</u>				St. Louis	19	-	148
Bedford	2	-	-	TOTAL	19	-	168
Boston	125	9	-				
Brocton	1	-	-	<u>Nebraska</u>			
Fall River	3	-	-	Grand Island	-	-	2
Holyoke	1	-	-	Omaha	-	-	1
North Adams	2	-	-	Lincoln	-	-	1
Northampton	32	-	-	TOTAL	-	-	4
Pittsfield	1	-	-				
Plymouth	2	-	-	<u>New Jersey</u>			
Sea Side	6	-	-	Atlantic City	2	-	-
Springfield	15	8	-	Bayonne	4	-	-
Taunton	1	-	-	Eastontown	1	-	-
Watuppa	6	-	-	Egg Harbor	2	-	-
Webster	1	-	-	Elmira	2	-	-
West Newton	3	-	-	Elizabeth	14	-	-
Worcester	4	-	-	Hoboken	2	-	-
TOTAL	205	17	-	Jersey City	52	107	1
				Madison	2	-	-
<u>Michigan</u>				Manhattan	-	2	-
Bay City	1	-	2	Mt. Pleasant	2	-	-
Calumet	4	1	2	Newark	120	6	-
Dearborn	-	-	5	Passaic	7	-	-
Detroit	7	4	48	Paterson	3	-	-
Escanaba	-	-	3	So. Vineland	1	-	-
Flint	-	-	1	Trenton	19	-	-
Hartford	-	-	2	Vineland	5	-	-
Houghton	1	-	2	Weehawken	4	-	-
Iron Mountain	1	-	3	TOTAL	242	115	1
Ishpeming	1	-	2				
Jackson	-	-	1	<u>New Mexico</u>			
Menominee	-	-	3	Albuquerque	-	-	1
Norway	-	-	2				
Plymouth	-	-	2				
Sault Ste. Marie	-	-	4				
TOTAL	15	5	82				

Primary Destinations (Continued)

STATES	New York	Penna.	Mich.	STATES	New York	Penna.	Mich.
<u>New York</u>				<u>Ohio (Cont.)</u>			
Albany	6	-	-	Collingwood	-	7	-
Amsterdam	1	-	-	Columbus	8	2	23
Binghamton	9	-	-	Danville	1	-	-
Brockway	-	2	-	Dayton	-	-	11
Brocklyn	115	243	-	Lima	1	-	-
Bronx	5	3	-	Linndale	-	2	-
Bushwick, Sta.	6	-	-	Longview	1	-	-
Canajhorie	11	-	-	Loraine	1	-	-
East New York	-	11	-	Madison	2	-	-
Evergreen	1	5	-	North Toledo	-	-	1
Freeport	1	-	-	Painsville	1	-	-
Glens Falls	4	-	-	Portsmouth	2	-	2
Harlem River	3	11	-	Sandusky	3	-	-
Johnson City	1	-	-	Silverton	1	-	3
Little Falls	4	1	-	South Akron	1	-	-
Lyons	1	-	-	Springfield	7	1	1
New York City	225	155	-	Toledo	1	-	86
Ogdensburg	3	-	-	Uhrichsville	1	-	-
Olean	2	-	-	Warren	1	-	-
Oneonta	5	-	-	Waynesboro	1	-	-
Rochester	1	-	-	West Dover	1	2	-
Schnectady	4	-	-	Wooster	2	-	-
Troy	1	-	-	Youngstown	2	7	-
Wallington	1	-	-	Zanesville	-	1	-
Woodlawn	3	-	-	<u>TOTAL</u>	<u>129</u>	<u>82</u>	<u>246</u>
Yonkers	2	-	-				
<u>TOTAL</u>	<u>415</u>	<u>431</u>	<u>-</u>	<u>Oklahoma</u>			
				Shawnee	-	-	1
<u>North Carolina</u>				<u>Ontario, Canada.</u>			
Charlotte	2	-	-	Hamilton	-	-	2
Greensboro	4	-	-	Niagara Falls	1	-	-
Mt. Olive	1	-	-	Toronto	1	-	-
Raleigh	4	-	-	<u>TOTAL</u>	<u>2</u>	<u>-</u>	<u>2</u>
Winston-Salem	2	-	1				
<u>TOTAL</u>	<u>13</u>	<u>-</u>	<u>1</u>	<u>Pennsylvania</u>			
<u>North Dakota</u>				Ambridge	1	-	-
Cooperstown	-	-	1	Aliquippa	3	-	-
Fargo	-	-	2	Altoona	8	4	1
Jamestown	-	-	1	Allentown	52	4	-
Wishek	-	-	1	Barberton	1	1	-
<u>TOTAL</u>	<u>-</u>	<u>-</u>	<u>5</u>	Bethlehem	92	5	-
<u>Ohio</u>				Braddock	4	-	-
Akron	13	9	-	Bradford	2	-	-
Canton	1	4	-	Brockville	1	-	-
Cincinnati	24	21	111	Burgettstown	1	-	-
Cleveland	53	26	8	Butler	1	2	-
				Cambridge	1	-	-
				Beaver Falls	2	-	-

Primary Destinations (Continued)

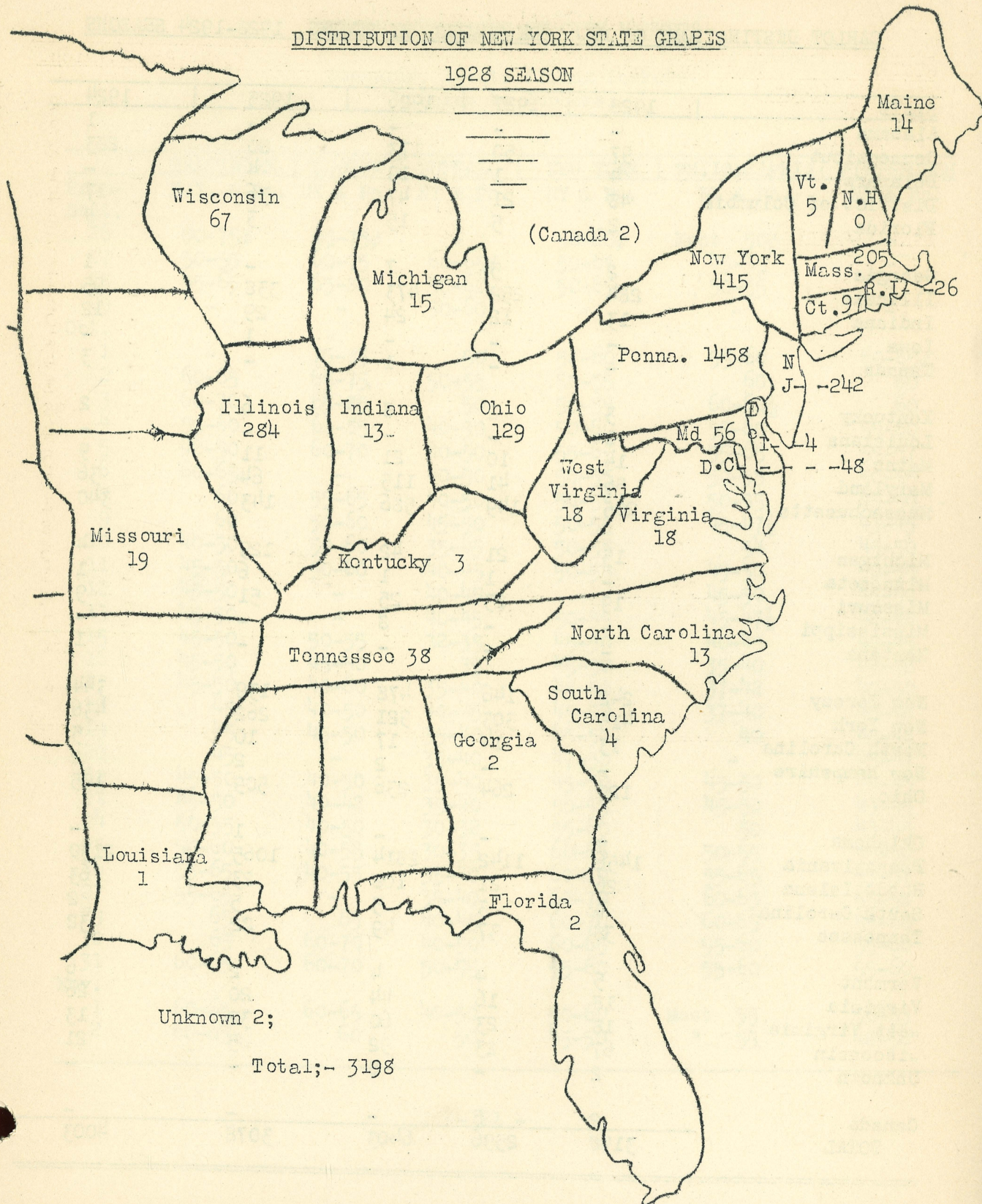
STATES	New York	Penna.	Mich.	STATES	New York	Penna.	Mich.
<u>Pennsylvania (Cont.)</u>				<u>Pennsylvania (Cont.)</u>			
Canonsburg	-	1	-	Uniontown	11	-	-
Charleroi	2	-	-	Universal	1	-	-
Chester	-	1	-	W.Brownsville	1	-	-
Claridge	1	-	-	Wilkes-Barre	27	2	-
Coplay	16	-	-	Wilmerding	3	-	-
Coraopolis	3	-	-	TOTAL	1456	225	14
Drifton	-	1	-	<u>Rhode Island</u>			
Du Bois	12	-	-	Newport	1	-	-
Export	1	-	-	Providence	25	3	-
Fallston	1	-	-	TOTAL	26	3	-
Fern Glen	1	-	-	<u>South Carolina</u>			
Ford City	1	-	-	Charleston	1	2	-
Forest City	3	8	-	Columbia	1	-	-
Ft. Washington	1	-	-	Greenville	2	-	-
Greensburg	1	1	-	TOTAL	4	2	-
Hamburg	1	-	-	<u>South Dakota</u>			
Harrisburg	16	-	-	Aberdeen	-	-	3
Hazleton	13	7	-	Huron	-	-	2
Herminie	2	-	-	Miller	-	-	2
Johnsonburg	4	-	-	Mitchell	-	-	1
Johnstown	15	4	-	Sioux Falls	-	-	2
Keene	1	-	-	TOTAL	-	-	10
Kensington	5	-	-	<u>Tennessee</u>			
Lancaster	2	-	-	Chattanooga	-	-	2
Lansford	6	1	-	Knoxville	6	-	2
McKeesport	23	6	-	Memphis	30	2	12
Monessen	3	-	-	Nashville	2	-	7
Mt. Carmel	1	-	-	TOTAL	38	2	23
Nazareth	3	-	-	<u>Texas</u>			
New Brighton	1	-	-	Dallas	-	-	1
New Castle	6	1	-	<u>Utah</u>			
New Philadelphia	-	1	-	Salt Lake City	-	-	2
Northampton	20	-	-	<u>Vermont</u>			
Reading	13	4	-	Burlington	1	-	-
Renova	1	-	-	St. Johnsbury	3	-	-
Rillton	2	-	-	White River	1	-	-
Palmerton	6	1	-	TOTAL	5	-	-
Pen Argyle	1	-	-	<u>Virginia</u>			
Philadelphia	508	49	-	Lynchburg	-	-	1
Pittsburgh	496	116	9				
Pittston	3	-	-				
St. Marys	-	1	-				
Scranton	35	2	4				
Shamokin	3	1	-				
Sheppton	1	-	-				
Siegfried	1	-	-				
So. Bethlehem	-	1	-				
Steelton	8	-	-				
Pottsville	1	-	-				

Primary Destinations (Continued)

STATES	New York	Penna.	Mich.	STATES	New York	Penna.	Mich.
<u>Virginia (Cont.)</u>				<u>Wisconsin</u>			
Norfolk	4	-	-	Antigo	-	-	2
Richmond	13	-	-	Appleton Jct.	-	-	2
Roanoke	1	-	1	Ashland	-	-	2
TOTAL	18	-	2	Darlington	-	-	1
				Eau Claire	-	-	4
<u>West Virginia</u>				Glenwood	-	-	2
Berkley	-	-	1	Green Bay	1	-	6
Bluefield	1	-	1	Janesville	-	-	1
Charleston	-	-	12	Kenosha	1	-	3
Clarksburg	-	-	3	La Crosse	-	-	5
Fairmount	1	-	-	Madison	-	-	1
Fenton	-	-	1	Marshfield	-	-	4
Gary	-	-	1	Mattoon	-	-	1
Huntington	-	1	7	Milwaukee	56	2	98
Mabscott	-	-	2	Racine	-	-	4
Morgantown	-	-	1	Monroe	-	-	5
Parkersburg	-	-	3	Rhineland	-	-	1
Princeton	-	-	1	Rice Lake	-	-	1
Smithers	-	-	1	Sheboygan	9	1	8
Welch	-	-	3	Steven's Point	-	-	5
Wheeling	16	4	-	Sturgeon Bay	-	-	1
TOTAL	18	5	37	Wausau	-	-	2
				Willard	-	-	1
				TOTAL	67	3	160
				<u>Unknown</u>	2	-	343

DISTRIBUTION OF NEW YORK STATE GRAPES

1928 SEASON



CARLOT DESTINATIONS OF NEW YORK GRAPES, BY STATES, 1923-1924 SEASONS

STATE	1923	1927	1926	1925	1924
Alabama	-	-	-	-	1
Connecticut	97	50	173	80	233
Delaware	4	1	19	4	-
District of Columbia	48	21	47	36	17
Florida	2	5	15	3	4
Georgia	2	5	7	-	1
Illinois	284	252	473	338	95
Indiana	13	12	24	29	12
Iowa	-	-	-	1	-
Kansas	-	-	1	-	3
Kentucky	3	2	8	6	2
Louisiana	1	-	-	-	-
Maine	14	10	21	11	9
Maryland	56	41	115	64	36
Massachusetts	205	149	586	143	340
Michigan	15	21	42	129	4
Minnesota	-	1	1	6	1
Missouri	19	25	25	51	9
Mississippi	-	-	8	-	-
Montana	-	-	-	-	1
New Jersey	242	146	478	139	344
New York	415	303	921	262	436
North Carolina	13	14	17	10	5
New Hampshire	-	-	2	2	2
Ohio	129	264	236	509	105
Oklahoma	-	-	-	1	-
Pennsylvania	1456	1142	2314	1065	2130
Rhode Island	26	21	108	23	63
South Carolina	4	3	5	5	2
Tennessee	38	37	49	22	32
Vermont	5	4	4	2	6
Virginia	18	16	44	20	26
West Virginia	18	23	60	32	13
Wisconsin	67	23	92	35	21
Unknown	2	-	8	-	-
Canada	2	5	-	-	-
TOTAL	3198	2596	6403	3078	4003

PRICES PREVAILING IN CITY MARKETS

Concords, 12-qt. Climax Baskets.
(Sales to Jobbers)

	BALTIMORE	BOSTON	BUFFALO	NEW YORK	PHILADELPHIA	PITTSBURGH
	N.Y. & Pa.	NY & Pa.	NY & Pa.	NY & Pa.	NY & Pa.	NY & Pa.
From-						
Sept.						
26	50-75¢	65-75¢	-	50-60¢	Most 50¢	-
27	50-55	60-75	60-65¢	50-65	45-55	-
28	55-65	65-80	50-60	50-65	50-55	-
29	-	-	50-60	-	-	-
Oct.						
1	-	75-85	50	50-60	55-60	60-65¢
2	60-65	65-75	50-55	50-55	60	60
3	60-70	65-85	50	50-55	60-62½	60
4	55-60	60-85	40-50	50-60	55-60	55-60
5	42-50	60-70	40-50	55-65	55-65	55-57
6	60-65	-	40-50	50-55	50-55	50-55
8	60	55-65	40-50	50-55	50-55	45-50
9	60	50-60	45-50	50-55	45-47½	43-45
10	40-50	50-60	35-45	50-55	54	45-50
11	45-50	50-60	40-45	50-55	45-50	50-55
12	45-50	-	40-45	-	45-50	45-50
13	45-50	-	40-45	50-55	45-47½	42-48
15	45-50	50-55	32-35	45-50	40-45	40-45
16	45-50	45-50	35	45-50	35-40	42-48
17	45-50	40-60	35-40	45-50	37-42	45-50
18	45	40-50	40-45	45-50	37-40	45-48
19	45	45-50	35-40	45-50	40	45-48
20	45	-	35-40	47-50	-	45-47
22	45-50	40-50	35-40	45-50	45-50	44-45
23	45-50	40-42	35-40	50-55	45-50	43-45
24	50-55	40-50	30-32	55-60	50	43-45
25	50-60	40-55	30-35	60-65	50-55	45-50
26	55-65	40-55	35-40	60-70	55-65	53-57
27	55-65	-	35-40	62-70	60-65	53-58
29	65	65	40-45	60-70	60-65	55-60
30	65	60-70	40-50	60-65	55-60	55-60
31	60-65	60-70	50-55	55-60	55-60	55-60
Nov.						
1	60-65	60-65	40-50	50-60	Most 55	50-53
2	60-65	60	50	45-50	" 55	48-52

Prices Prevailing in City Markets

Concords, 12 qt. Climax Baskets
(Sales to Jobbers)

	Chicago	Chicago	Cincinnati	Cleveland	St. Louis
From -	Mich.	N.Y. & Pa.	Mich.	N.Y. & Pa.	Mich.
Sept.					
26	48-52¢	-	60-65¢	45-50¢	-
27	48-52	-	-	45-50	-
28	45-50	-	75-80	40	-
29	42-45	-	80-85	40	-
Oct. 1	40-45	-	70-75	-	60-65¢
2	42-45	-	65-68	-	55-60
3	45-48	-	55-60	-	-
4	45-48	-	53-55	50	55-60
5	45-48	-	55-57	50-55	55-60
6	45-48	-	-	40-50	-
8	45-48	-	55-60	40-50	55-60
9	45-48	-	55-60	40-50	55-57
10	43-45	-	53-55	40-50	55-57
11	41-44	-	53-55	40-50	-
12	39-40	-	-	-	-
13	40-43	-	-	40-50	-
15	40-44	-	45-50	40-50	50-57
16	42-43	45-47	45-50	40	45-50
17	42-44	45-47	45-50	40	45-50
18	40-42	47½	48-50	40	50
19	40-42	48-52	48-50	40	45-52
20	-	-	-	-	-
22	42-44	48-52	45-48	45	45-55
23	42	50-53	48-55	45	45-55
24	42-44	50-54	48-52	45	45-55
25	-	55-57	48-52	45	50-55
26	43-45	57-60	48-52	45	45-60
27	-	57-60	-	45	-
29	45-50	60-63	48-52	50-55	45-50
30	45-50	60-62	48-52	55	45-60
31	45-50	60-62	48-52	55	45-50
Nov. 1	45-50	60	48-52	60	-
2	45-50	58-60	48-52	60	40-50

Prices Prevailing in City Markets

Concords, 4 qt. Climax Baskets
(Sales to Jobbers)

	Chicago		Cincinnati		Pittsburgh		St. Louis
From -	Mich.	N.Y. & Pa.	Mich.	N.Y. & Pa.	Mich.	Mich.	
Sept. 26	20-22¢	-	27¢	-	25-28¢	-	
27	18-20	-	28	-	25-27	-	
28	18-22	-	26-27	-	25-27	28¢	
29	17-19	-	25-27	-	25-27	-	
Oct. 1	17-19	-	23-25	25¢	25-26	24-25	
2	17-20	-	23-24	25	25-26	23-25	
3	18-20	-	21-23	25	25-26	-	
4	18-20	-	20-22	24-25	-	20-22	
5	18-20	-	20-22	24-25	24-25	20-22	
6	17-20	-	20-22	24-25	24-25	20-22	
8	18-22	-	20-22	24-25	24	20-22	
9	18-20	-	20-22	23-25	23-25	20-22	
10	17-20	17-20	21-23	24-25	23-24	20-22	
11	17-20	17-20	21-23	23-24	20-23	-	
12	16-19	16-19	20-21	23	20	20-22	
13	18-21	18-21	21-22	22-23	20-22	-	
15	18-21	18-21	21-22	23-25	18-22	-	
16	18-20	-	21-22	22-23	18-20	-	
17	18-21	23-24	22	20-23	17-20	23-25	
18	18-20	-	22	22-25	18-20	-	
19	18-20	-	22-23	22-23	-	25	
20	19-20	-	22-25	22-23	22-23	25	
22	19-21	24-27	-	22-23	-	-	
23	-	26-27	27	22-25	-	-	
24	22-24	26-28	25-27	22-23	-	-	
25	-	27-28	25-27	22-24	-	-	
26	24-25	27-28	25-26	20-25	-	-	
27	-	27-29	-	22-25	-	-	
29	23-25	27-28	25-27	23-25	-	27-28	
30	21-23	27-28	26-28	23-25	-	28-29	
31	23-25	27-28	27-28	25	-	27-28	
Nov. 1	20-25	25-28	25-27	25-26	-	-	
2	20-25	26-27	25-26	25	-	27	

PRICES PREVAILING IN CITY MARKETS

Concords, 2-qt. Climax Baskets
(Sales to Jobbers)

	BALTIMORE	BOSTON	PHILADELPHIA	PITTSBURGH
	NY & Pa.	NY & Pa.	NY & Pa.	NY & Pa.
From-				
Sept.				
26	14-15¢	18-19¢	-	16-17¢
27	15-16¢	18-20¢	-	-
28	16-17¢	14-17¢	-	-
29	-	-	-	15-16¢
Oct.				
1	17-18¢	15-18¢	20-22¢	16¢
2	17-18¢	16-17¢	-	15¢
3	-	15-18¢	18¢	15¢
4	-	16-17¢	18¢	-
5	-	16-17¢	18-20¢	15¢
6	-	-	-	15¢
8	15-18¢	15-16¢	17-18¢	15¢
9	17-18¢	16-18¢	17-18¢	14-15¢
10	-	-	16-17¢	14-15¢
11	17-18¢	16-17¢	16¢	-
12	17-18¢	-	16-17¢	-
13	16-18¢	-	15-16¢	-
15	16-17¢	17¢	-	15-16¢
16	15-18¢	16-20¢	-	15¢
17	15-18¢	16-17¢	-	15¢
18	15-18¢	16-17¢	-	15¢
19	15-17¢	16-18¢	15-17¢	15¢
20	15-17¢	-	-	15¢
22	15-17¢	15-18¢	14-16¢	13-15¢
23	14-16¢	15-18¢	14-16¢	14-15¢
24	15-16¢	16¢	-	14-15¢
25	15-17¢	15-17¢	14-17¢	14-15¢
26	15-17¢	15-17¢	14-17¢	13-15¢
27	15-17¢	-	-	14-15¢
29	17-18¢	13-17¢	15-18¢	14-15¢
30	16-17¢	13-14¢	-	14-15¢
31	15-17¢	13-14¢	15-17¢	14-15¢
Nov.				
1	15-17¢	-	15-18¢	14-15¢
2	15-17¢	14-16¢	-	14-15¢

CAR-LOT UNLOADS OF GRAPES IN IMPORTANT MARKETS BY STATE OF ORIGIN
June 1-December 30, 1928.

CITY	N.Y.	Pa.	Mich.	Ia.	Mo.	Ark.	Wash.	Calif.	Others	Total
Akron.....	12	6	-	-	-	-	-	278	-	296
Albany.....	3	-	-	-	-	-	-	225	1	229
Atlanta.....	4	2	6	-	1	2	-	127	-	142
Baltimore.....	61	17	-	-	1	1	-	552	5	637
Birmingham.....	-	-	9	-	7	13	-	112	1	142
Boston.....	224	9	-	-	-	-	-	4410	5	4648
Bridgeport.....	12	2	-	-	-	-	-	305	-	319
Buffalo.....	-	-	-	-	-	-	-	897	1	898
Chicago.....	265	57	98	7	15	15	-	5282	12	5751
Cincinnati.....	39	12	134	-	-	6	-	444	2	637
Cleveland.....	73	19	17	-	1	2	-	1353	3	1468
Columbus.....	6	4	31	-	1	4	-	246	-	292
Dallas.....	-	-	1	-	-	10	-	162	2	175
Dayton.....	8	-	12	-	-	1	-	36	-	57
Denver.....	-	-	3	19	19	35	-	296	36	408
Detroit.....	9	2	47	-	8	20	-	1935	15	2036
Duluth.....	-	-	15	20	15	12	-	74	-	136
El Paso.....	-	-	-	-	1	14	-	91	-	106
Evansville.....	1	-	6	-	-	-	-	52	-	59
Fort Worth.....	-	-	-	-	2	8	-	79	2	89
Hartford.....	14	-	-	-	-	-	-	531	-	545
Houston.....	-	-	-	-	-	1	-	172	2	175
Indianapolis.....	12	-	1	-	1	3	-	171	2	190
Jacksonville.....	-	-	3	-	-	-	-	76	1	80
Kansas City.....	-	-	27	1	-	2	-	456	6	492
Lexington.....	1	-	8	-	-	1	-	33	-	43
Louisville.....	4	-	61	-	3	3	-	221	2	294
Memphis.....	29	2	19	-	7	10	-	164	3	234
Milwaukee.....	59	3	350	2	7	18	-	691	-	1130
Minneapolis.....	1	-	72	35	29	40	-	220	8	405
Nashville.....	4	-	15	-	3	23	-	80	4	129
Newark.....	82	-	-	-	-	1	-	2552	-	2635
New Haven.....	26	-	-	-	-	-	-	998	1	1025
New Orleans.....	-	-	1	-	3	1	-	240	2	247
New York.....	486	173	-	-	-	1	-	13578	217	14455
Norfolk.....	-	-	-	-	-	-	1	88	1	90
Oklahoma City...	-	-	5	-	-	1	-	101	3	110
Omaha.....	-	-	1	-	2	2	-	328	-	333
Peoria.....	-	1	10	-	-	-	-	36	-	47
Philadelphia....	401	19	-	-	-	-	-	3631	10	4061
Pittsburgh.....	604	13	30	-	9	17	-	2334	9	3016
Portland, Me.....	17	-	-	-	-	-	-	59	1	77
Providence.....	33	3	-	-	-	-	-	642	-	678

CAR-LOT UNLOADS OF GRAPES IN IMPORTANT MARKETS BY STATE OF ORIGIN (Cont'd.)

June 1 - December 30, 1923.

CITY	N. Y.	Pa.	Mich.	Ia.	Mo.	Ark.	Wash.	Calif.	Other	Total
Richmond.....	9	-	-	-	-	-	-	94	-	103
Rochester.....	-	-	-	-	-	-	-	659	-	659
St. Louis.....	15	1	121	-	5	7	-	780	2	931
St. Paul.....	1	1	53	4	22	31	-	149	2	263
Salt Lake City..	-	-	2	-	-	-	-	102	-	104
San Antonio.....	-	-	-	-	-	12	-	159	-	161
Seattle.....	-	-	-	-	-	-	62	369	9	440
Shreveport.....	-	-	1	-	-	11	-	58	-	70
Sioux City.....	-	-	1	10	8	6	-	72	4	101
Springfield, Mass.	27	47	-	-	-	-	-	385	16	435
Syracuse.....	-	-	-	-	-	1	-	469	-	470
Tampa.....	1	-	2	-	-	3	-	137	-	144
Terre Haute.....	-	-	1	-	-	-	-	36	-	37
Toledo.....	1	1	5	-	1	-	-	120	-	127
Washington.....	46	4	4	-	-	1	-	236	4	295
Worcester.....	7	-	-	-	-	-	-	73	-	80
Youngstown.....	5	46	-	-	-	-	-	654	-	665

1928 GRAPE UNLOADS IN CERTAIN CITIES, BY MONTHS AND STATES OF ORIGIN

<u>States</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>States</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>
<u>Akron</u>				<u>Albany</u>			
N. Y.	-	11	1	N. Y.	-	3	-
Pa.	-	3	3	Calif.	70	104	30
Calif.	35	162	69	Unk.	-	-	1
Total	35	176	73	Total	70	107	31
<u>Atlanta</u>				<u>Baltimore</u>			
N. Y.	-	4	-	N. Y.	-	40	20
Pa.	-	2	-	Pa.	-	14	3
Mich.	-	6	-	Mo.	1	-	-
Mo.	1	-	-	Del.	-	1	-
Ark.	2	-	-	Ark.	1	-	-
Calif.	30	31	38	Calif.	96	226	133
Total	33	43	38	Total	98	281	156
<u>Birmingham</u>				<u>Boston</u>			
Mich.	-	9	-	N. Y.	3	142	79
Mo.	6	-	-	Pa.	-	4	5
Ark.	12	-	-	Calif.	730	2108	1079
Calif.	24	39	26	Total	733	2254	1163
Total	42	48	26				
<u>Bridgeport</u>				<u>Buffalo</u>			
N. Y.	-	12	-	Calif.	318	498	79
Pa.	-	2	-	Unk.	-	2	-
Calif.	102	168	20	Total	318	500	79
Total	102	182	20				
<u>Chicago</u>				<u>Cincinnati</u>			
N. Y.	-	156	109	N. Y.	-	15	23
Pa.	-	26	31	Pa.	-	10	2
Illinois	1	-	-	Ohio	-	1	-
Mich.	19	71	8	Mich.	17	113	4
Iowa	6	-	-	Ark.	6	-	-
Mo.	10	-	-	Calif.	81	170	88
Ark.	14	-	-	Total	104	309	117
Calif.	648	2702	1223				
Total	698	2955	1371				
<u>Cleveland</u>				<u>Columbus</u>			
N. Y.	1	30	40	N. Y.	-	3	3
Pa.	-	1	18	Pa.	-	2	2
Ohio	-	1	-	Mich.	6	24	1
Mich.	4	13	-	Ark.	4	-	-
Mo.	1	-	-	Calif.	53	109	53
Ark.	2	-	-	Total	63	138	59
Calif.	210	580	329				
Total	218	625	387				

1928 GRAPE UNLOADS IN CERTAIN CITIES BY MONTHS AND STATES OF ORIGIN

States	Sept.	Oct.	Nov.	States	Sept.	Oct.	Nov.
<u>Dayton</u>				<u>Detroit</u>			
N. Y.	4	4	-	N. Y.	-	-	8
Mich.	6	6	-	Pa.	-	2	-
Ark.	1	-	-	Ohio	-	6	-
Calif.	1	11	17	Mich.	3	40	4
Total	12	21	17	Mo.	6	-	-
				Ark.	15	-	-
				Okla.	1	-	-
				Calif.	395	897	370
				Unk.	2	-	-
				Total	422	945	382
<u>Evansville</u>				<u>Grand Rapids</u>			
N. Y.	-	1	-	Calif.	14	28	29
Mich.	3	3	-	Total	14	28	29
Calif.	8	23	13				
Total	11	27	13				
<u>Hartford</u>				<u>Indianapolis</u>			
N. Y.	-	13	1	N. Y.	-	10	2
Calif.	155	279	60	Ohio	-	-	1
Total	155	292	61	Mich.	1	-	-
				Ark.	2	-	-
				Oreg.	-	1	-
				Calif.	32	57	54
				Total	35	68	57
<u>Jacksonville</u>				<u>Lexington</u>			
Mich.	-	3	-	N. Y.	-	1	-
Calif.	16	27	19	Mich.	3	3	2
Total	16	30	19	Ark.	1	-	-
				Calif.	5	12	8
				Total	9	16	10
<u>Louisville</u>				<u>Memphis</u>			
N. Y.	-	2	2	N. Y.	-	22	7
Mich.	12	48	1	Pa.	-	1	1
Mo.	3	-	-	Mich.	2	15	2
Ark.	3	-	-	Mo.	6	-	-
Calif.	51	83	51	Ark.	10	-	-
Unk.	-	1	-	Calif.	33	69	39
Total	69	134	54	Unk.	-	-	2
				Total	51	107	51
<u>Milwaukee</u>				<u>Nashville</u>			
N. Y.	-	41	17	N. Y.	-	1	3
Pa.	-	1	2	Ill.	2	-	-
Mich.	53	276	21	Mich.	-	15	-
Iowa	2	-	-	Mo.	3	-	-
Mo.	4	-	-	Nebr.	1	-	-
Ark.	16	1	-	Ark.	22	-	-
Calif.	112	351	143	Calif.	17	24	26
Total	187	670	183	Total	45	40	29

1923 GRAPE UNLOADS IN CERTAIN CITIES BY MONTHS AND STATES OF ORIGIN

<u>States</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>States</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>
<u>Newark</u>				<u>New Haven</u>			
N. Y.	-	77	5	N. Y.	-	24	-
Ark.	1	-	-	Calif.	155	556	208
Calif.	217	1407	895	Total	155	580	208
Total	218	1484	900				
<u>New Orleans</u>				<u>New York</u>			
Mich.	-	1	-	N. Y.	26	356	104
Mo.	3	-	-	Pa.	-	119	54
Ark.	1	-	-	Del.	1	-	-
Calif.	60	75	48	Ark.	1	-	-
Total	64	76	48	Calif.	1824	5715	4149
				Total	1852	6190	4307
<u>Norfolk</u>				<u>Peoria</u>			
Ohio	-	1	-	Pa.	-	1	-
Wash.	-	1	-	Mich.	-	10	-
Calif.	15	29	23	Calif.	18	8	8
Total	15	31	23	Total	18	19	8
<u>Philadelphia</u>				<u>Pittsburgh</u>			
N. Y.	-	243	158	N. Y.	2	387	214
Pa.	-	16	3	Pa.	1	7	5
Calif.	421	1695	1016	Mich.	6	24	-
Total	421	1954	1177	Mo.	8	-	-
				Del.	3	-	-
<u>Portland, Me.</u>				Ark.	16	-	-
N. Y.	4	10	3	Calif.	444	982	595
Calif.	13	21	18	Total	480	1400	814
Unk.	-	-	1				
Total	17	31	22	<u>Providence</u>			
<u>Richmond</u>				N. Y.	2	23	8
N. Y.	-	6	2	Pa.	-	2	1
Calif.	22	31	18	Calif.	209	345	49
Total	22	37	20	Total	211	370	58
<u>St. Louis</u>				<u>Rochester</u>			
N. Y.	-	8	7	Calif.	144	392	81
Pa.	-	-	1	Total	144	392	81
Mich.	-	105	16				
Mo.	5	-	-	<u>St. Paul</u>			
Ark.	7	-	-	N. Y.	-	-	1
Calif.	142	376	147	Pa.	-	-	1
Total	154	489	171	Mich.	-	52	1
				Iowa	3	1	-
				Mo.	15	2	-
				Kans.	1	-	-
				Ark.	25	4	-
				Calif.	32	54	24
				Unk.	-	1	-
				Total	76	114	27

1928 GRAPE UNLOADS IN CERTAIN CITIES BY MONTHS AND STATES OR ORIGIN

States	Sept.	Oct.	Nov.
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<u>Springfield.</u>			
Mass.			
N. Y.	-	27	-
Pa.	-	6	1
Calif.	101	186	77
Unk.	2	13	1
Total	103	232	79

<u>Tampa</u>			
N. Y.	-	-	1
Mich.	-	2	-
Mo.	1	-	-
Ark.	3	-	-
Calif.	44	39	27
Total	48	41	28

<u>Toledo</u>			
N. Y.	-	1	-
Mich.	-	5	-
Mo.	1	-	-
Calif.	22	46	37
Total	23	52	37

<u>Worcester</u>			
N. Y.	-	6	1
Calif.	30	35	5
Total	30	41	6

States	Sept.	Oct.	Nov.
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<u>Syracuse</u>			
Calif.	223	175	41
Total	223	175	41

<u>Terre Haute</u>			
Mich.	1	-	-
Calif.	8	20	7
Total	9	20	7

<u>Washington</u>			
N. Y.	-	42	4
Pa.	-	3	1
Mich.	-	4	-
Ark.	1	-	-
Calif.	62	101	43
Unk.	1	-	-
Total	64	150	48

<u>Youngstown</u>			
N. Y.	-	2	1
Pa.	-	4	2
Calif.	131	321	135
Total	131	327	138

U. S. Standards for Grapes

GRADES

U. S. Fancy Table Grapes:

"U. S. Fancy Table Grapes" shall consist of grapes of one variety which are well colored, mature, firmly attached to capstems, not shattered, split, crushed, dried, wet or soft; which are free from mold, decay, mildew, berry moth, russeting, and from damage caused by freezing, disease, insects or other means. Not less than 75 per cent of the bunches shall be compact and the remainder shall be fairly compact. Compact portions of bunches consisting of no less than five (5) berries may be used to fill open spaces between whole bunches.

In order to allow for variations incident to proper grading and handling, not more than 10 per cent, by weight, of the berries in any lot may be below the requirements of this grade, but not more than one-tenth of this amount, or 1 per cent, may be affected by mold or decay. In addition, not more than 5 per cent, by weight, of any lot may consist of bunches which are straggly.

U. S. No. 1, Table Grapes:

"U. S. No. 1 Table Grapes" shall consist of grapes of one variety which are fairly well colored, mature, firmly attached to capstems, not shattered, split, crushed, dried, wet or soft; which are free from mold, decay, mildew berry moth, and from damage caused by russeting, hail, freezing, disease, insects or other means. Not less than 85 per cent of the bunches shall be fairly compact.

In order to allow for variations incident to proper grading handling, not more than 10 per cent, by weight, of the berries in any lot may be below the requirements of this grade, but not more than one-fifth of this amount, or 2 per cent, may be affected by mold or decay.

U. S. No. 1, Juice Grapes:

"U. S. No. 1 Juice Grapes" shall consist of grapes of one variety which are fairly well colored, mature, firmly attached to capstems, not shattered, split, crushed, dried, wet or soft; which are free from mold, decay, mildew, berry moth, and from serious damage caused by russeting, hail, freezing, disease, insects or other means. Not less than 75 per cent of the bunches shall be fairly compact.

In order to allow for variations incident to proper grading and handling, not more than 10 per cent, by weight, of the berries in any lot may be below the requirements of this grade, but not more than one fifth of this amount, or 2 per cent, may be affected by mold or decay.

Mixed Varieties:

Any lot of grapes consisting of more than one variety which meets all other requirements of "U. S. No. 1 Table," or "U. S. No. 1 Juice" may be designated as "U. S. Fancy Table Mixed," "U. S. No. 1 Table Mixed," or "U. S. No. 1 Juice Mixed".

Unclassified:

Grapes which are not graded in conformity with the foregoing grades shall be designated as "Unclassified".

DEFINITIONS OF TERMS

As used in these grades:

"Mature" means that the grapes are juicy, palatable, and have reached that stage of development at which the skin of the berry easily separates from the pulp. Frozen or slightly frosted stock should not be confused with mature stock.

"Well colored" means that the berries shall show full color characteristic of the variety.

"Fairly well colored" means that not less than 75 per cent, by weight, shall show full color characteristic of the variety. Twenty five per cent may show partially or poorly colored berries which are not characteristic of immature berries.

"Shattered berries" means berries which have separated from the bunch.

"Compact bunches" means well-filled bunches, with no open spaces.

"Fairly compact" means that the bunches are well filled but that the berries are not closely spaced as in "compact bunches."

"Damage" means any injury which materially affects the appearance or the edible or shipping quality.

"Serious damage" means that the defects taken singly or collectively seriously affect the market quality.

"Straggly" means a decidedly open bunch with large open spaces and very few berries. Small immature shot-berries characteristic of the Worden variety should be disregarded, unless they are excessive in number and detract materially from the appearance of the lot.

NOTE: The New York Standards for Grapes, are exactly the same as the above U. S. Standards for grapes; with one exception; namely the name applied to the UNCLASSIFIED grade or classification. In the U. S. Grades the name applies is "UNCLASSIFIED" and in the New York State Standards, the name applied is "UNGRADED".